

# Administrator Role

- Once logged in, a User with this role acts as them self until they do a change context operation.
- If the user performs a change user context, then future transactions will operate as if the administrator is the user they changed context to
  - The ECHO log files will show both the administrator's login name and the user they are acting as so that a record is maintained of who actually performed a function
- If the administrator user performs a change provider context, then they will be allowed to access Provider only transactions, and will act as the specified Provider
  - An admin user can change to any Provider



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# Provider Role

- A User may have multiple Provider Roles, one for each Provider that they represent
- For instance, EDC has two separate data centers that they operate which may share personnel
- Once a user has any Provider Role, then they are allowed to access additional service transactions
  - If a user has exactly one Provider Role, then ECHO will use that Provider whenever a Provider Transaction is executed
  - If a user does not have exactly one Provider Role, then they must run
    the SetProviderContext method on the Session Manager to let ECHO
    know which Provider they are acting on the behalf of when they execute
    a Provider Transaction
    - a FIGURE 1 TRANSACTION

      Note: If a User has the Admin role, they can use SetProviderContext to become any Provider. If they have exactly one Provider Role in addition to the Admin Role, then they will not need to call SetProviderContext to act on behalf of that Provider. If they have more than one Provider Role, then they must call SetProviderContext



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The Provider Account Service allows a registered data provider to manage their account information. This includes the ability to add, delete, present and update contacts, present provider information, change provider password, set and present provider policies.



# Provider Contact Related Transactions - AddContact - UpdateContact - PresentContacts - DeleteContact - DeleteContact

### AddContact

- Add one or more new contacts for a registered provider. A contact is an individual who has a named role within the organization. It has role name, first name, last name, address information, phone information and e-mail. Each contact has a unique role name like "shipping manager," or "accounts receivable".
- If a contact named "order manager" is created, then emails that are sent to users regarding orders will be CCed to this email address
- Caveats:
  - Contact role must be unique for each provider, adding a contact with existing role name is not allowed. Error message "Contact Role: xxx ALREADY exists" if this is attempted.
  - Contact role name, first name and last name are required, error message will return if either one of them is not provided.
- The whole transaction fails if any single piece of contact information violates the rules.



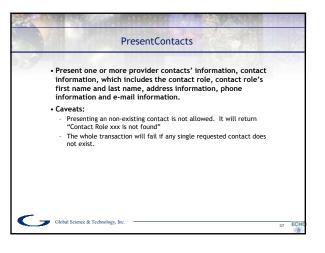
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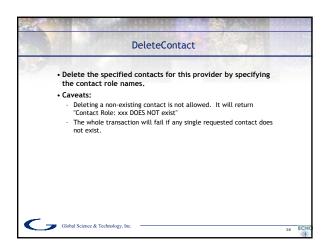
- Update the stored information of one or more registered provider contacts
  - Updated information includes first name, last name, address information, phone information and e-mail information
  - The entire contact is replaced
- Caveats:
  - Updating a non-existing contact is not allowed, or it will return "Contact Role: XXX DOES NOT exist"
  - Role name, first name and last name should be filled, or it will
  - return "Contact xxx is NULL"
  - The whole transaction will fail if any single piece of contact information violates the rules.



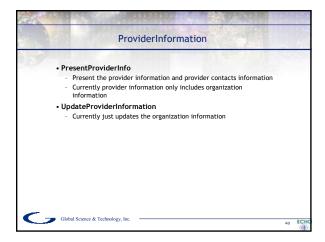
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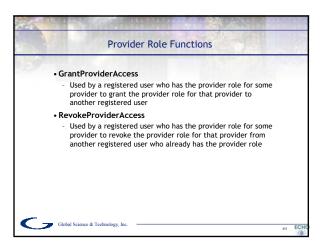
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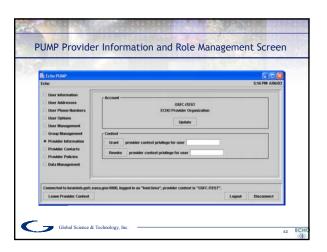


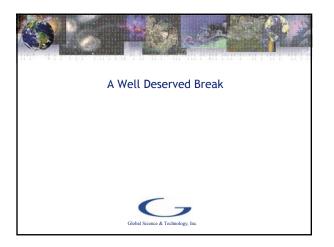


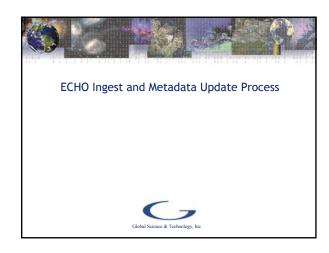


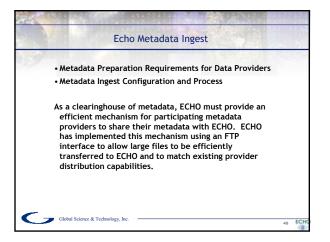


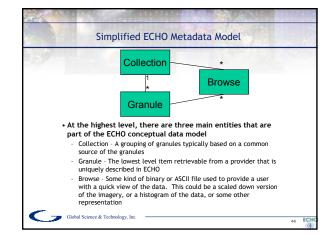


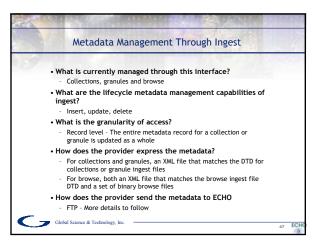


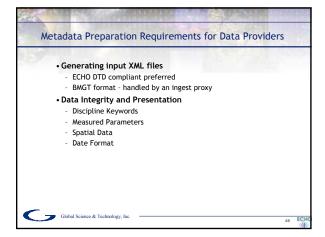


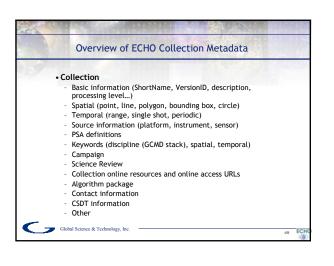


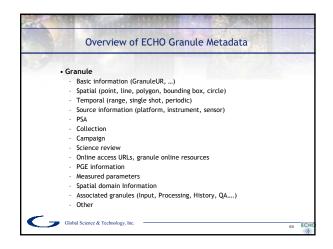


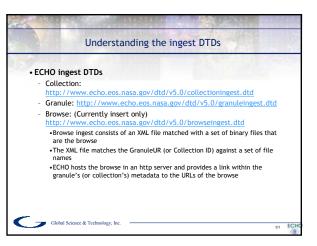


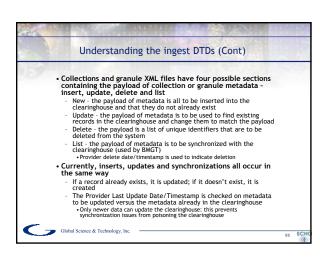


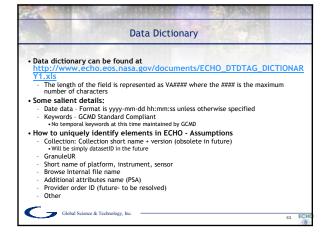


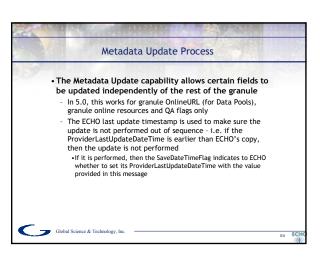


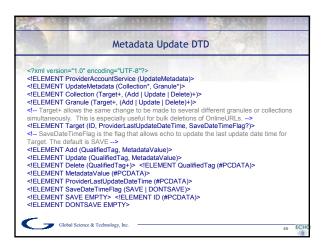






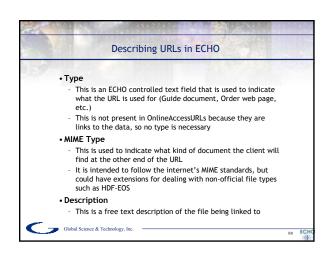




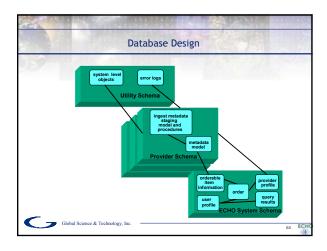


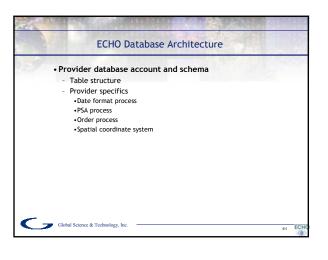
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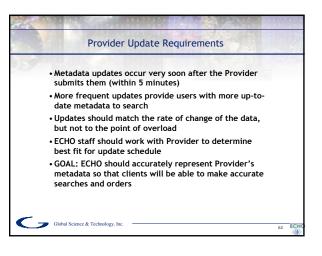
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Granule Online resource Delete One	GranuleOnlineResources/OnlineResource[OnlineResourceURL="old_url"]	NA	
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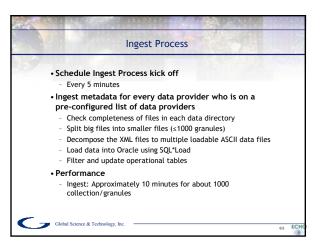


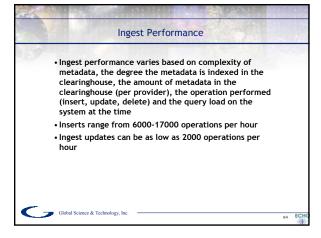


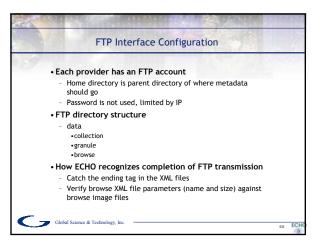


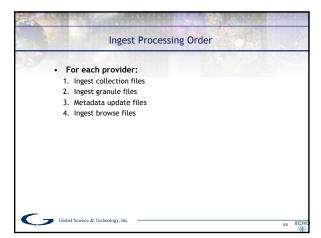


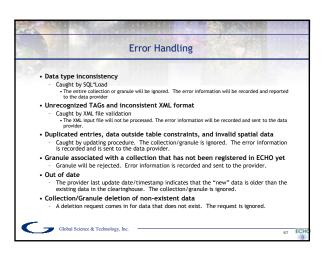


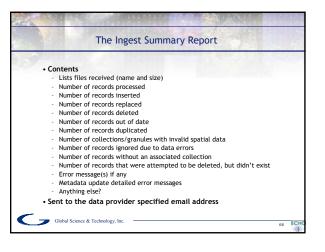


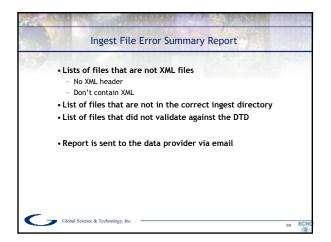


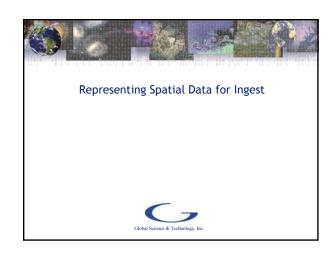


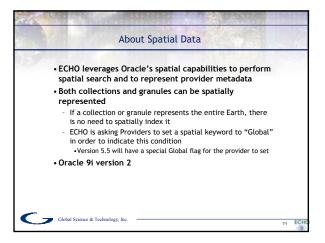


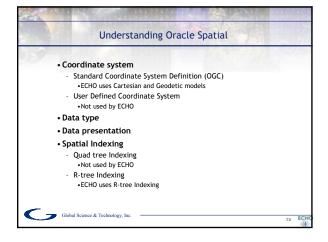


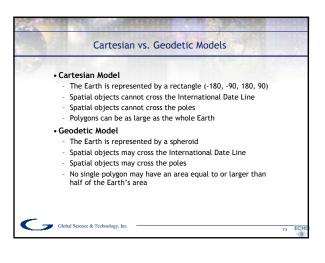


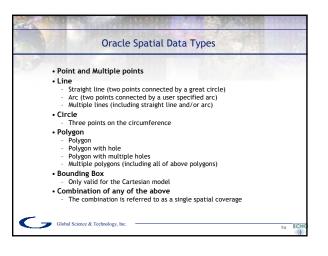


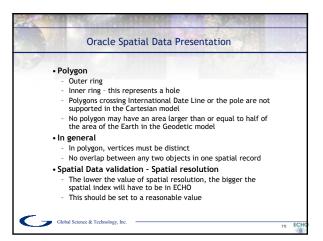


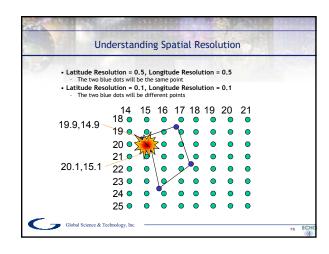


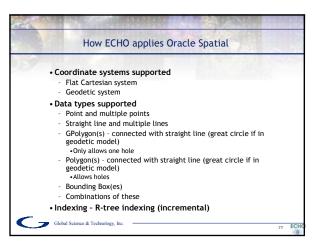


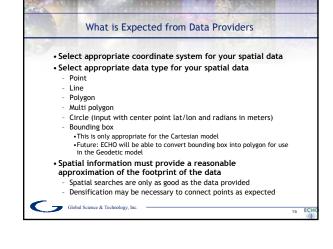


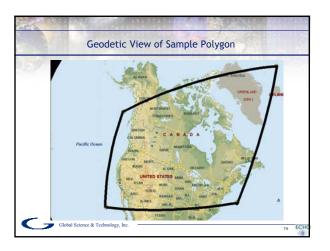


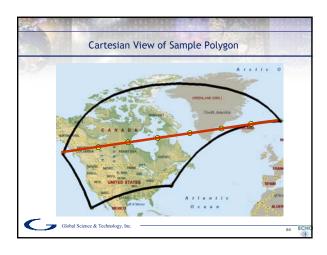


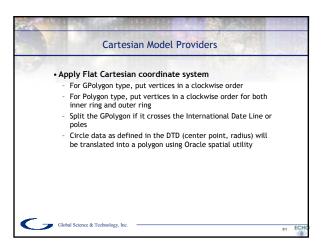


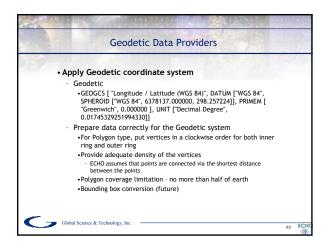


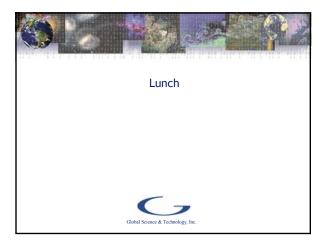




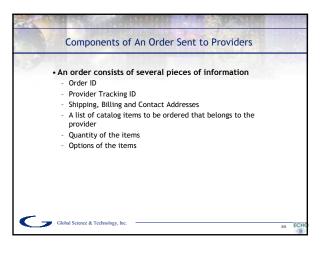


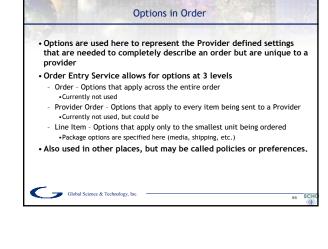


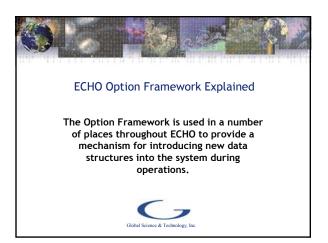


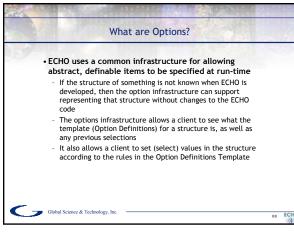


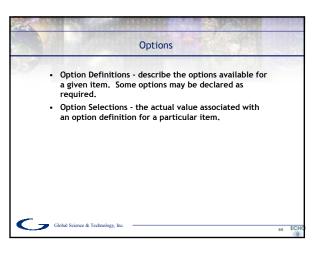


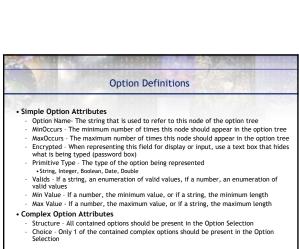




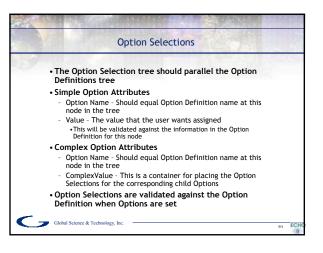


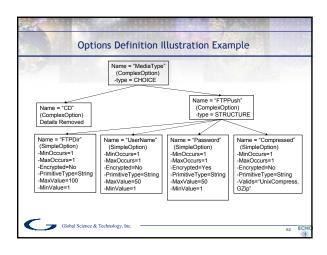


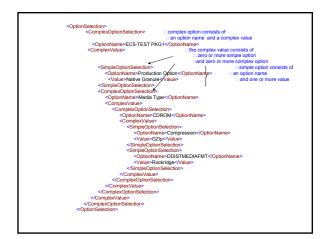


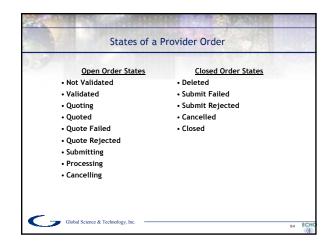


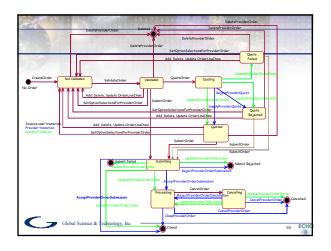
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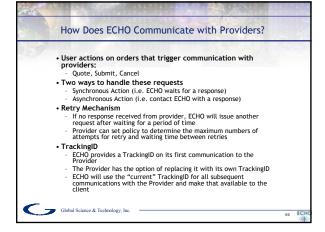


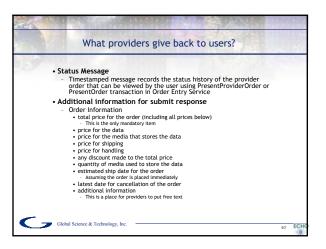


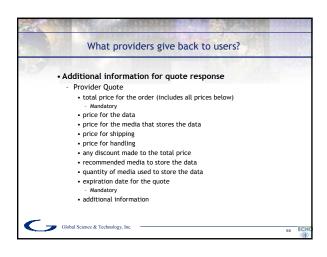


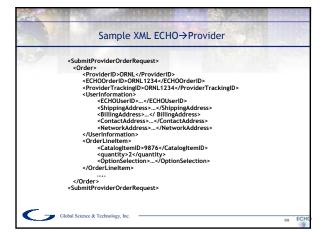


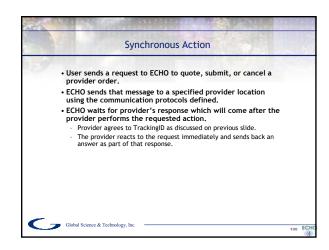


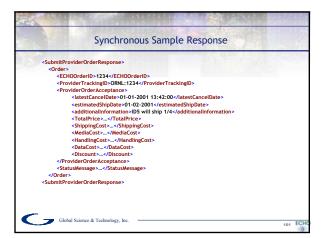


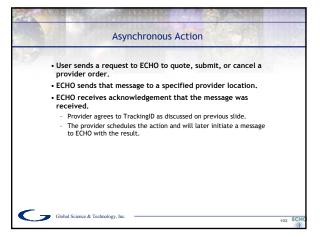


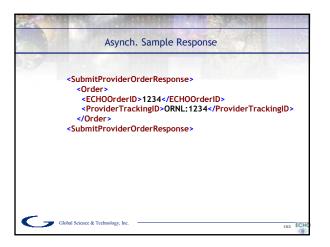




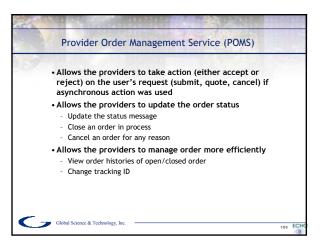


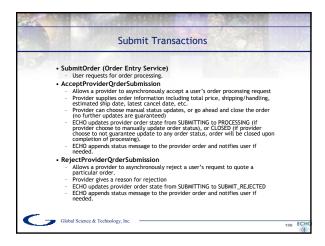






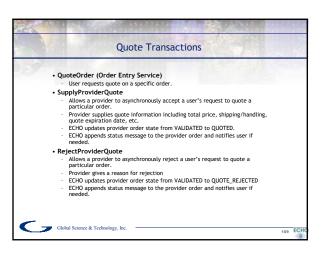


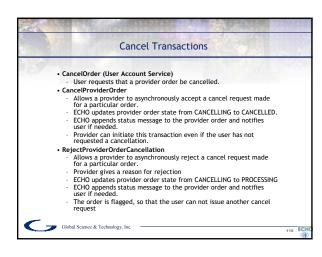


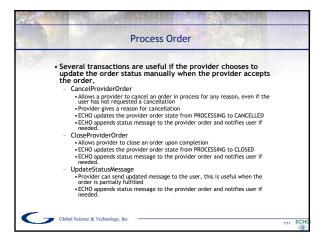


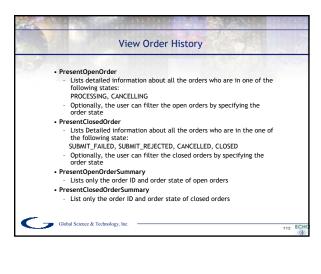


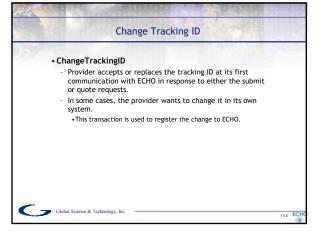




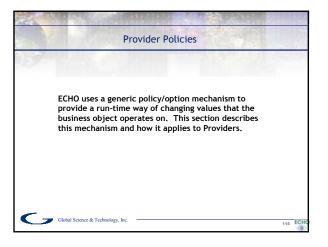


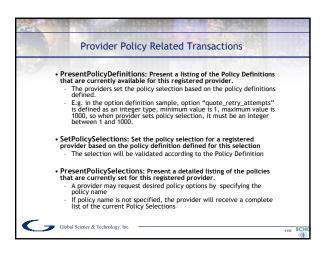


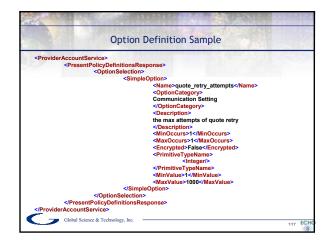


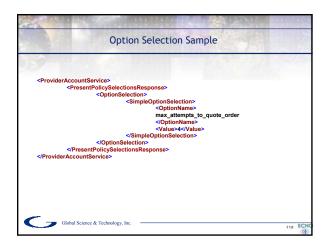




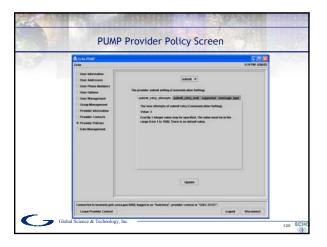






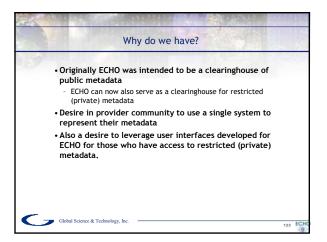


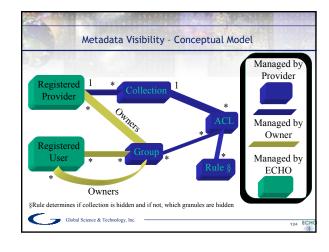


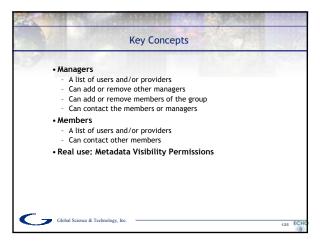


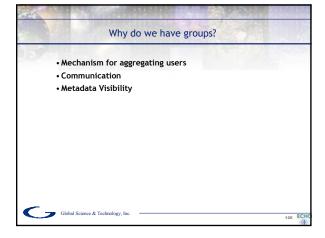


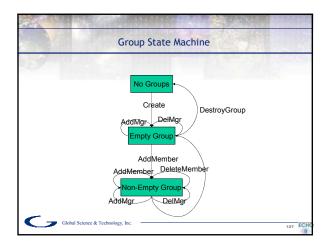


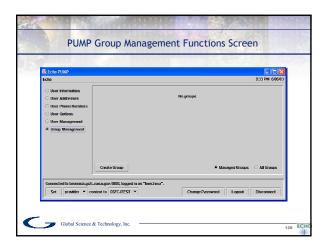


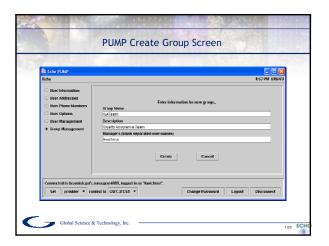


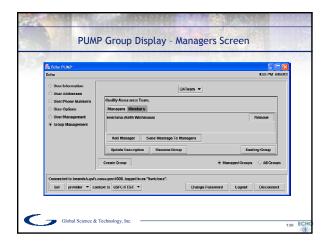


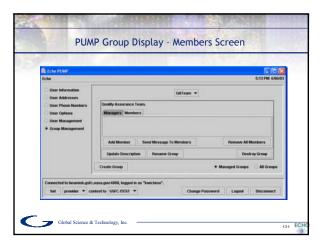


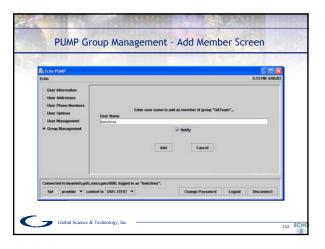


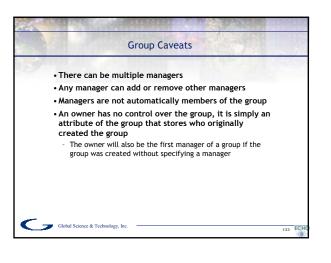




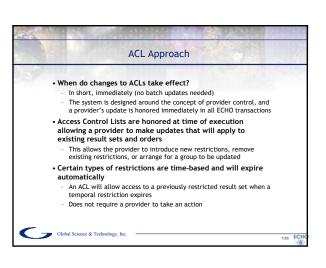


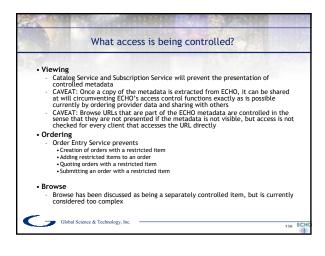


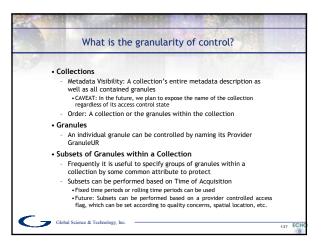


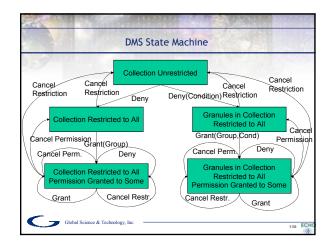


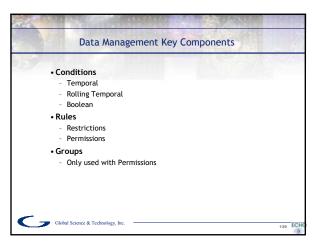


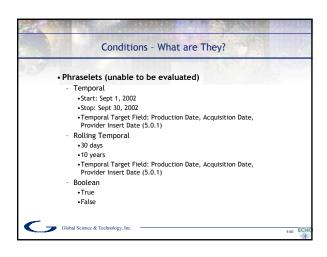


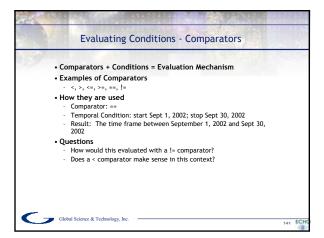


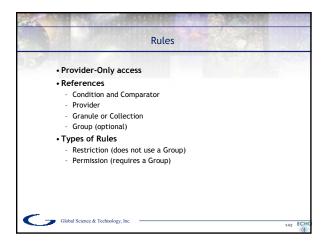


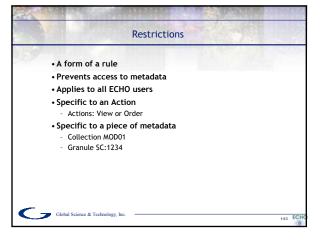


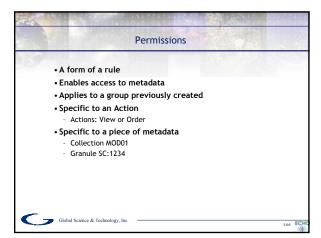


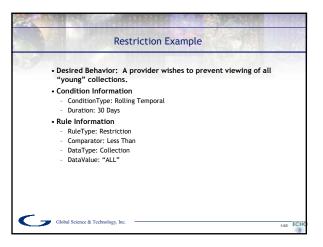


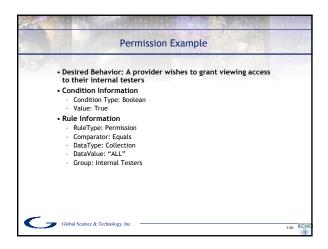


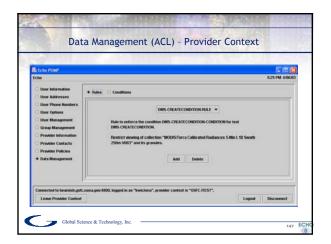


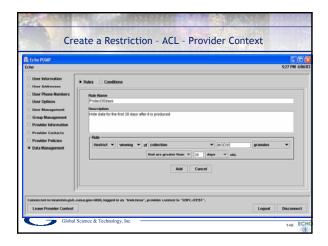


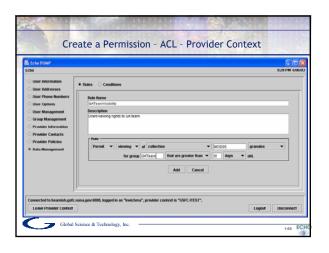




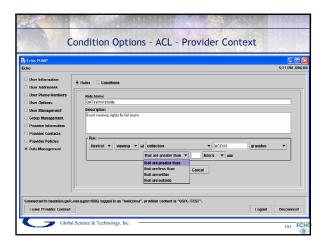


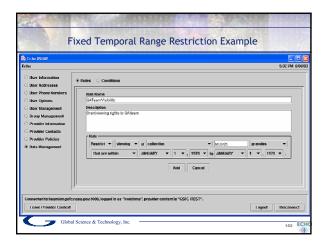


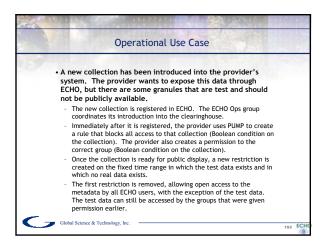


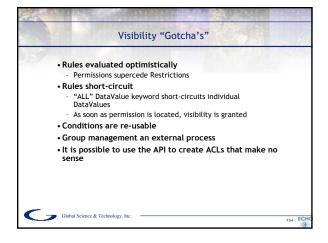




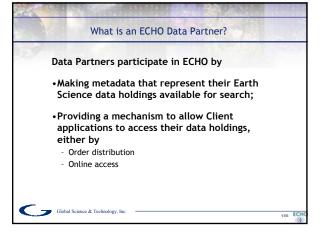




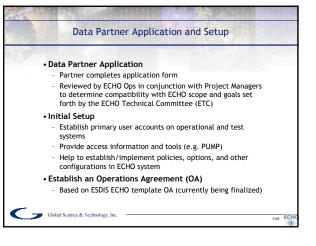


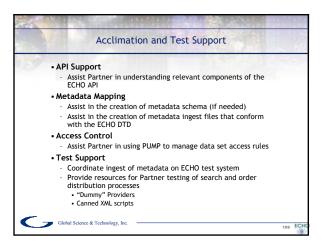


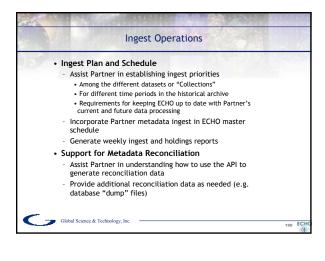




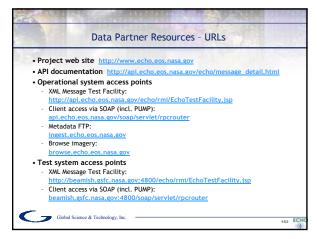












# Data Partner Resources - Documents and Tools

· ECHO Documentation is maintained online at

http://www.echo.eos.nasa.gov/echo-docs.shtml

- ECHO 5.0 Features/Functionalities (coming soon ECHO 5.0.1)
- ECHO API Changes between Version 4.5 and 5.0
- ECHO 5.0 User's Guide
- ECHO DTD Tag Directory
- ECHO Acronym List
- The Provider User Management Program (PUMP) is available for download from:

http://www.echo.eos.nasa.gov/pump\_releases/v\_1\_0\_0/install.htm



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# ECHO Ops - Contact Info

- Need help from ECHO Ops? Contact us by email at echo-ops@killians.gsfc.nasa.gov -- we'll make sure you get a human to assist you ASAP!
- Key ECHO Ops members include

Medora Macie	GSFC	NASA Project Manager	301-614-6812
Beth Weinstein	GSFC	NASA Project Manager	301-614-5318
Jackie Kendall	SSAI	Task Lead / Coordinator	301-867-2026
Chao-Hsi Chang	GST	Partner Coordinator	301-867-2059
Alex Lai	GST	API Support	301-867-2061
Frank Corprew	GST	Ingest Manager	301-867-2058
Claudia Castaneda	GST	Database Administrator	301-867-2124



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# ECHO Ops - Current Priorities (11/2003)

- Complete deployment of ECHO Scout
  - Monitors overall ECHO system availability to end users in realtime on both the operational and test systems;
  - Alert function notifies ECHO Ops and logs errors with preliminary diagnostic information.
- Distribute weekly status reports to Data Partners
- Finalize Operations Agreements with existing Data Partners
- Publish master ingest schedule for Nov-Dec 2003
- Assist in ECHO Version 5.0.1 transition to operations



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